S
553.28
O1S
MAR 1967

SHELVED WITH PERIODICALS

Montana State Library
3 0864 1006 0093 4

MAY 18 1967

Montana Oil and Gas STATISTICAL BULLETIN

DISCARDED
MAY 1 1969
LIBRARY
UNIVERSITY of MONTANA

ADMINISTRATORS
JAMES F. NEELY
EXECUTIVE SECRETARY
JOHN H. RISKEN
ATTORNEY
GORDON D. LANOUETTE
PETROLEUM ENGINEER
BILLY B. LANE
GEOLOGIST
NORMAN J. BEAUDRY
ACCOUNTANT

COMMISSIONERS
LYLE KASSEL, CHAIRMAN
142 3RD SOUTH
SHELBY, MONTANA 59474
CLYDE BREWER, VICE CHAIRMAN
P. O. BOX 294
ROUNDUP, MONTANA 59072
ALLEN ZIMMERMAN
BOX 277
POPLAR, MONTANA 59255
E. G. BALSAM
2300 PEARL
MILES CITY, MONTANA 59301
WINSTON L. COX
1925 GRAND AVENUE
BILLINGS, MONTANA 59102

OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. XV, No. 3 — 3 — March, 1967

Production of crude oil and condensate from the oil and gas areas of Montana for the month of March, 1967, averaged 91,729 barrels daily, a decrease of 1,226 barrels from the average February production of 92,955.

The nine refineries in state processed 100,354 barrels of crude oil daily for the month of March, 1967, a decrease of 1,032 barrels from the 101,386 barrels processed daily during the month of February, 1967.

During March, 38 wells were completed, 6 oil, 5 gas wells and 27 dry holes.

During March, the commission issued 37 permits to drill new wells, an increase of 11 from the 26 permits issued during February.

SUMMARY OF CRUDE OIL PRODUCTION REFINING STORAGE, ETC., IN MONTANA

MONTH OF MARCH, 1967

IN STORAGE MARCH 1st	
By Producers	336,194
By Transporters	1,186,173
By Refiners	628,147
TOTAL STORAGE	2,150,514
Produced in Montana During Month	2,843,610
Imported During Month	2,140,179
TOTALS	7,134,303
DISPOSITION:	
Refined in Montana	3,111,002
Exported	1,935,718
Used for Fuel or Lost	18,622
TOTAL	5,065,342
IN STORAGE MARCH 31st	
By Producers	345,817
By Transporters	1,086,767
By Refiners	636,377
TOTAL STORAGE	2,068,961

NATURAL GAS WITHDRAWALS IN MONTANA

Month of March, 1967

Field	M. Cu. Ft.
Bears Den	0
Big Coulee	120,182
Bowdoin	251,681
Bowes	43,768
Cabin Creek	109,915
Cedar Creek	262,383
Cut Bank (Including Reagan)	894,652
Devon	0
Dry Creek	42,305
Elk Basin	127,514
Flat Coulee	15,180
Gold Butte	1,189
Golden Dome	0
Grandview	3,368
Hardin	3,406
Keith Block	398,605
Kevin Sunburst	71,935
Lake Basin	110,705
Middle Butte	2,168
Mt. Lilly	52,681
Pine	67,089
Plevna	11,682
Utopia	122,732
Whitlash	167,239
Miscellaneous	132,018
TOTAL	3,012,397

Total withdrawals for March, 1966 were 2,799,983 M. Cu. Ft.

PRODUCERS REPORT—MONTH OF MARCH, 1967

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
2	Ash Creek	2	273	5,000	.....	5,000	.....	273
3	Bannatyne	4	726	100	.....	100	250	476
1	Bascom	1	.....	6	6	.....	.....	.....
6	Bear's Den	6	1,255	1,262	.....	304	.....	2,213
1	Benrud	1	394	1,676	1,352	.....	.....	718
1	Benrud East	1	481	8,940	8,935	.....	.....	486
2	Benrud Northeast	2	923	15,198	15,353	.....	49	719
1	Berthelote	1	531	272	406	.....	.....	397
6	Big Wall	22	2,527	33,513	33,985	.....	.....	2,055
3	Blackfoot	5	2,759	2,352	1,064	2,222	.....	1,825
....	Blackfoot East	....	40	.....	.....	.....	.....	40
1	Border	3	.....	633	.....	633	.....	.....
1	Bowes	54	7,512	16,035	15,783	.....	.....	7,764
2	Bradley	2	450	881	395	.....	.....	936
1	Brady	1	296	342	22	.....	.....	616
1	Bynum	1	75	144	.....	.....	.....	219
2	Cabin Creek	101	6,450	273,135	272,663	.....	.....	6,922
16	Cat Creek	87	2,227	12,987	9,115	3,502	72	2,525
1	Clark's Fork	1	30	81	.....	.....	.....	111
1	Conrad South	2	662	1,330	1,330	.....	.....	662
....	Cupton	....	1,151	.....	.....	.....	.....	1,151
185	Cut Bank	997	95,598	292,567	290,137	5,111	91	92,826
2	Deer Creek	2	1,623	3,314	3,605	.....	.....	1,332
1	Delphia	1	191	214	.....	.....	.....	405
1	Devil's Basin	1	834	54	.....	127	.....	761
....	Dry Creek	....	69	.....	.....	.....	.....	69
13	Dwyer	14	5,853	24,858	25,627	.....	.....	5,084
4	Elk Basin	56	2,211	248,106	248,344	.....	.....	1,973
5	Elk Basin Northwest	13	2,287	14,268	14,700	.....	.....	1,855
2	Fairview	2	1,495	18,290	.....	18,809	.....	976
3	Fertile Prairie	3	971	1,938	.....	1,961	.....	948
24	Flat Coulee	31	4,971	19,719	18,852	.....	.....	5,838
2	Flat Lake	2	6,805	98,765	100,178	.....	.....	5,392
1	Flat Lake South	1	269	1,236	782	.....	.....	723
2	Frannie	2	.....	1,132	1,132	.....	.....	.....
17	Fred & George Creek	35	2,423	99,640	99,203	.....	.....	2,860
1	Gage	1	513	275	.....	.....	.....	788
1	Gage Southwest	1	78	.....	.....	74	.....	4
5	Gas City	24	7,650	43,792	43,812	.....	.....	7,630
7	Glendive	11	1,840	30,153	16,849	13,544	.....	1,600
20	Goose Lake	24	3,889	59,790	59,178	.....	.....	4,501
9	Graben Coulee	25	5,667	8,313	7,320	1,767	17	4,876
....	Grandview	....	528	.....	.....	.....	.....	528
4	Gypsy Basin	6	2,019	1,268	982	800	.....	1,505
1	Hibbard	1	277	295	.....	311	.....	261
7	Ivanhoe	11	1,295	11,292	10,786	.....	56	1,745
8	Keg Coulee	26	4,419	23,098	23,184	.....	.....	4,333
3	Keg Coulee North	3	1,694	2,233	2,237	.....	.....	1,690
1	Kelley	2	951	13,632	13,790	.....	.....	793
103	Kevin Sunburst	623	18,441	31,479	30,452	1,381	.....	18,087
1	Little Beaver	29	109	33,403	31,584	.....	1,847	81
2	Little Beaver East	13	1,756	23,080	21,491	.....	60	3,285
3	Lodge Grass	3	1,480	7,485	.....	7,321	.....	1,644
24	Lookout Butte	78	3,585	162,515	161,377	.....	197	4,526
....	Mackay Dome	....	770	.....	.....	.....	.....	770
2	Mason Lake	2	511	1,800	1,669	.....	.....	642
2	Melstone	4	949	2,543	2,675	.....	.....	817
1	Mineral Bench	1	580	639	771	.....	.....	448
2	Miner's Coulee	4	389	2,542	.....	2,383	.....	548
7	Monarch	12	3,542	22,595	20,906	.....	491	4,740
4	Mosser	4	.....	649	.....	649	.....	.....
6	Outlook	11	7,190	33,799	33,275	.....	.....	7,714
2	Outlook South	2	1,340	2,554	2,579	.....	.....	1,315
2	Outlook West	2	1,924	5,310	3,002	3,431	.....	801
70	Pennel	118	3,161	172,253	167,621	.....	.....	7,793
3	Pine	131	16,417	342,136	341,702	.....	.....	16,851
3	Pole Creek	4	790	598	.....	542	.....	846
70	Pondera	295	8,790	30,165	31,547	.....	.....	7,408
....	Pondera Coulee	....	.....	.....	.....	.....	.....	.....
4	Poplar East	67	10,335	65,033	64,500	.....	35	10,833
4	Poplar Northwest	5	2,143	1,564	1,303	.....	.....	2,404
....	Prairie Elk	....	799	.....	.....	.....	.....	799
4	Ragged Point	13	2,488	10,630	10,223	.....	.....	2,895
4	Ranch Creek	4	1,499	2,574	.....	2,670	2	1,401
1	Rattlesnake Coulee	1	538	1,000	821	.....	.....	717
4	Reagan	42	1,036	19,565	19,410	.....	.....	1,191
1	Red Creek	27	.....	28,212	28,212	.....	.....	.....
1	Redstone	1	480	2,701	2,615	.....	.....	566
1	Repeat	1	371	2,277	.....	2,288	.....	360
1	Reserve	1	2,419	8,358	.....	8,755	.....	2,022
1	Richey	1	550	447	.....	.....	.....	997
6	Richey Southwest	8	1,051	9,852	.....	9,489	.....	1,414
6	Sand Creek	9	1,028	10,232	9,460	.....	.....	1,800
1	Shotgun Creek	1	256	931	.....	962	.....	225
3	Sidney-Brorson	3	1,281	2,332	.....	2,331	.....	1,282
1	Smoke Creek	1	372	5,063	.....	4,433	.....	1,002
2	Snyder	4	1,401	578	.....	696	.....	1,283
5	Soap Creek	16	2,220	3,855	.....	3,891	.....	2,184
1	Spring Lake	1	4,016	1,207	.....	2,621	.....	2,602
2	Stensvad	24	2,915	35,795	34,218	.....	.....	4,492
31	Sumatra	85	10,725	61,213	60,027	.....	51	11,860
5	Tule Creek	6	2,854	39,173	.....	39,566	.....	2,461
2	Tule Creek East	2	338	24,985	7,508	17,322	.....	493
2	Tule Creek South	2	2,229	8,288	.....	7,880	1	2,636
2	Vida	2	867	2,317	.....	2,128	.....	1,056
4	Volt	6	2,097	20,217	18,058	.....	.....	4,256
1	Weed Creek	1	305	12,749	12,647	.....	16	391
5	Weldon	15	4,090	141,855	143,476	.....	.....	2,469
17	Whitlash	37	8,335	24,002	22,711	.....	.....	9,626
2	Whitlash West	2	1,214	783	1,087	.....	4	906
2	Wills Creek South	2	1,256	6,887	7,111	.....	.....	1,032
7	Wolf Springs	10	4,024	14,020	13,274	.....	.....	4,770
4	Woodrow	5	660	3,215	3,193	.....	.....	682
....	Wildcat, Carbon County	....	1,089	.....	.....	.....	.....	1,089
1	Wildcat, Glacier County	1	247	309	.....	458	.....	98
1	Wildcat, Richland County	1	1,367	3,424	.....	3,194	.....	1,597
1	Wildcat, Roosevelt County	1	393	293	.....	480	.....	206
828	Total	3,336	336,194	2,843,610	2,651,612	179,136	3,239	345,817

Total Oil Produced and Shipped From Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1966	35,380,118	96,931	35,353,673	96,859
January, 1967	2,822,701	91,054	2,813,195	90,748
February, 1967	2,602,765	92,955	2,609,309	93,189
March, 1967	2,843,610	91,729	2,830,748	91,314

Oil in Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December, 1966	337,546	1,034,375	584,580	1,956,501
January, 1967	345,016	1,104,700	577,142	2,026,858
February, 1967	336,194	1,186,173	628,147	2,150,514
March, 1967	345,817	1,086,767	636,377	2,068,961

*Includes Wyoming Oil

TRANSPORTERS MONTHLY REPORT—MONTH OF MARCH, 1967

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			5,000				5,000		
BANNATYNE—Truck			100				100		
BEAR'S DEN—Truck			304			304			
BIG WALL—Continental Pipeline Co.		34,020				34,020			
BLACKFOOT—									
Camerland Cardinal Corp.			2,222			2,222			
Union Oil Co.		1,064				1,064			
		1,064	2,222			3,286			
BORDER—Truck			633				633		
BOWES—Texaco		15,783				15,783			
CABIN CREEK & OTHERS*									
Butte Pipeline Co.	382,177	868,083	40,721	799,236			1,795,476		294,741
Shell Pipeline Co.	7,671	351,855			2,552			350,976	5,998
	389,848	1,219,938	40,721	799,236	2,552		1,795,476	350,976	300,739
CAT CREEK—									
Continental Pipeline Co.		9,423				9,423			
Truck			3,502			3,502			
		9,423	3,502			12,925			
CUT BANK—									
Continental Pipeline Co.			11,442	523,400		534,842			
Phillips Petroleum Co.	112,153	71,042		53,140	4,240	126,747			105,348
Texas Pipeline Co.	40,746	91,367		25,851	156			105,580	52,228
Union Oil Co.	49,329	110,799		5,098	(77)	104,423			60,880
Western Oil Trans. Co.		38,985						38,985	
Western Oil Trans. (Moulton)		73,475						73,475	
	202,228	385,668	11,442	607,489	4,319	766.012		218,040	218,456
DEVIL'S BASIN—Truck			127				127		
DWYER—Portal Pipeline Co.		25,646					25,646		
ELK BASIN & ELK BASIN NORTH-WEST—Marathon Pipeline Co.		261,132				261,132			
FAIRVIEW—									
Rock Island Oil & Ref. Co.			18,809				18,809		
FLAT COULEE—									
Camerland Cardinal Corp.		17,693				17,693			
FLAT LAKE & FLAT LAKE SOUTH—									
Portal Pipeline Co.		92,962					92,962		
FRANNIE—Interstate Pipeline Co.		1,132					1,132		
FRED & GEORGE CREEK—									
Camerland Cardinal Corp.	16,882	102,259				36,888		63,564	18,689
GAGE & GAGE S.W.—Truck			74			74			
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
Texas Pipeline Co.	6,624	37,117			106			38,947	4,688
GOOSE LAKE—Portal Pipeline Co.		58,340					58,340		
HIBBARD—Truck			311			311			
IVANHOE—Continental Pipeline Co.		10,755				7,986	2,769		
KEG COULEE & KEG COULEE NORTH—Continental Pipeline Co.		27,655				21,117	6,538		
KELLEY—Continental Pipeline Co.		13,790				13,790			
KEVIN SUNBURST—									
Big West Oil Co.	3,322	23,618				23,843			3,097
Homestake Oil & Gas Co.	761	2,064				2,315			510
Texas Pipeline Co.	8,024	11,504			71			8,995	10,462
	12,107	37,186			71	26,158		8,995	14,069
LODGE GRASS—Truck			7,321			7,321			
MASON LAKE—Continental Pipeline Co.		1,670				1,670			
MELSTONE—Continental Pipeline Co.		2,675				2,675			
MOSSER—Truck			649			649			
POLE CREEK—Truck			542				542		
PONDERA—Phillips Petr. Co.	47,193	33,068			2,071	22,620			55,570
POPLAR, BENRUD, BENRUD EAST, OUTLOOK, OUTLOOK SOUTH, OUTLOOK WEST, REDSTONE, RICHEY, TULE CREEK, TULE CREEK SOUTH & VOLT—									
East Poplar Gathering System	10,479	204,020			2,619			199,702†	12,178
RAGGED POINT—Continental Pipeline Co.		10,757				1,798	8,959		
RANCH CREEK—									
Rock Island Oil & Ref. Co.			2,670				2,670		
RED CREEK—									
Western Oil Transportation Co.		34,035						34,035	
RESERVE—Truck			8,755				8,755		
SHOTGUN CREEK—Truck			962				962		
SIDNEY-BRORSON—Truck	10,846		2,331					13,177	
SMOKE CREEK—									
Rock Island Oil & Ref. Co.			4,433				4,433		
SNYDER—Truck			696			696			
SOAP CREEK—Truck	3,049		3,891			6,940			
SPRING LAKE—									
Rock Island Oil & Ref. Co.			2,621				2,621		
SUMATRA & STENSVAD—									
Continental Pipeline Co.	479,889	94,017		339,859	3,122	87,505		364,240	458,898
TULE CREEK—Tesoro Petr. Corp.	7,028		56,888			60,436			3,480
WEED CREEK—Continental Pipeline Co.		12,647				12,647			
WHITLASH & WHITLASH WEST—									
Camerland Cardinal Corp.		22,836				22,836			
WOLF SPRINGS—									
Continental Pipeline Co.		25,912				25,912			
WILDCAT WELLS—Truck			4,132				4,132		
TOTALS	1,186,173	2,793,200	179,136	1,746,584	14,860	1,471,184	2,040,606	1,291,676	1,086,767

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest, Weldon and Wills Creek South.

†Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF MARCH, 1967

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Tesoro Petr. Corp.	Union Oil Co.	Total
Big Wall				34,020						34,020
Bowes			7,722							7,722
Cat Creek		8,979		1,402		4,559				14,940
Cut Bank		43,046		3,100		6	99,751		72,087	217,990
Delphia						253				253
Devil's Basin						71				71
Dry Creek						2				2
Elk Basin		105,116		65,649	90,367					261,132
Flat Coulee									17,693	17,693
Fred & George Creek	36,888									36,888
Gage & Gage S.W.						508				508
Hibbard						632				632
Ivanhoe					7,986					7,986
Keg Coulee		8,393		12,724						21,117
Kelley					13,790					13,790
Kevin Sunburst	18,323								7,835	26,158
Lodge Grass		7,321								7,321
Mason Lake		1,670								1,670
Melstone				2,675						2,675
Pondera							44,771			44,771
Ragged Point		969		829						1,798
Red Creek					28,212					28,212
Sand Creek						165				165
Snyder		696								696
Soap Creek		6,940								6,940
Sumatra & Stensvad		16,674		61,132	16,036					93,842
Tule Creek								60,436		60,436
Weed Creek					12,647					12,647
Whitlash	22,836									22,836
Wolf Springs					25,912					25,912
Total Montana Oil	78,047	199,804	7,722	181,531	194,950	6,196	144,522	60,436	97,615	970,823
Canadian Oil Imported		523,400								523,400
Wyoming Oil Imported		353,606		339,083	924,090					1,616,779
Total Montana, Canadian & Wyoming Oil	78,047	1,076,810	7,722	520,614	1,119,040	6,196	144,522	60,436	97,615	3,111,002

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1966	29,111	12,832	49,643	91,586
March, 1966	27,852	13,084	50,560	91,496
March, 1967	31,316	16,884	52,154	100,354

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1966	31.78%	14.02%	54.20%
March, 1966	30.44%	14.31%	55.25%
March, 1967	31.20%	16.84%	51.96%